

**ABSTRACT**

A method is provided for cationically polymerizing olefin monomer by employing the step of using a novel coinitiator in an organic phase or a neat monomer reaction phase. More specifically, a method is provided for cationically polymerizing olefin monomer by employing the step of using a novel coinitiator in an organic phase or a neat monomer reaction phase, wherein the organic phase is a hydrocarbon solution of the monomer or a halogenated-hydrocarbon solution of the monomer and wherein the neat-monomer reaction phase is a liquid monomer.